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Application Number	10779295
Filing Date	2004-02-13
First Named Inventor	Joshua T. Goodman
Art Unit	2134 - 2155
Examiner Name	Unknown P. TRAN
Attorney Docket Number	MS306896.01/MSFTP560US

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	2	6842773		2005-01-11	Ralston et al.	—
	3	6751348		2004-06-15	Buzuloiu et al	—
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PBT	2	20030016872	A1	2003-01-23	Sun	

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PBT	3	20040199585	A1	2004-10-07	Wang	
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<i>PBT</i>	1	European Search report dated February 23, 2007, mailed February 28, 2007 for European Patent Application Serial Number 05105308, 4 pages.	<input type="checkbox"/>
<i>PBT</i>	2	European Search Report dated July 5, 2006, mailed July 24, 2006 for European Application No. EP 06 01 2631, 3 pages.	<input type="checkbox"/>

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PBT	1	20040015554	A1	2004-01-22	Brian Wilson	—
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	3	20030167311	A1	2003-09-04	Steven T. Kirsch	—
	4	20040003283	A1	2004-01-01	Goodman, et al.	—
PBT	5	20030204569	A1	2003-10-30	Andrews, et al.	—

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PBT	1	20030009698	A1	2003-01-09	Lindeman, et al.	—
PBT	2	20060036701	A1	2006-02-16	Bulfer, et al.	—

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PBT	1	6742047		2004-05-25	Michael Man-Hak Tso	—
	2	6314421		2001-11-06	Sharnoff, et al.	—
	3	6421709		2002-07-16	McCormick, et al.	—
	4	6321267		2001-11-20	Albert L. Donaldson	—
	5	6701440		2004-03-02	Kim, et al.	—
	6	6167434		2000-12-26	Stephen Y. Pang	—
↓	7	6732157		2004-05-04	Gordon, et al.	—
PBT	8	6643686		2003-11-04	Robert J. Hall	—

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PBT	1	20010046307	A1	2001-11-29	Ping Wah Wong	—
	2	20020073157	A1	2002-06-13	Newman, et al.	—
	3	20040199594	A1	2004-10-07	Radatti, et al.	—
	4	20020091738	A1	2002-07-11	Rohrbaugh, et al.	—
	5	20040073617	A1	2004-04-15	Milliken, et al.	—
	6	20030229672	A1	2003-12-11	Daniel Mark Kohn	—
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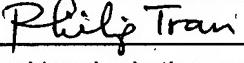
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PBT	1	20030041126		2003-02-27	Buford, et al.	—		
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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/779,295
				Filing Date	02-13-2004
				First Named Inventor	Joshua Goodman
				Art Unit	2434 - Σ 155
				Examiner Name	P. TRAN
				Attorney Docket Number	MS306896.01/MSFTP560US
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS

**Examiner
Signature**

Philip Tran

Date Considered

5/21/2007

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**Substitute for Form 1449A/PTO
SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

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Complete if Known

Application Number	10/779,295
Filing Date	02-13-2004
First Named Inventor	Joshua Goodman
Art Unit	2134 2155
Examiner Name	P. TRAN
Attorney Docket Number	MS306896.01/MSFTPS60US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	Philip Tran	Date Considered	5/21/2007
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Substitute for form 1449B/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/779,295
				<i>Filing Date</i>	02-13-2004
				<i>First Named Inventor</i>	Joshua Goodman
				<i>Art Unit</i>	2134 2155
				<i>Examiner Name</i>	P. TRAN
				<i>Attorney Docket Number</i>	MS306896.01/MSFTP560US
(Use as many sheets as necessary)					

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature	Philip Tran	Date Considered	5/21/2007
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pertinent to issue under examination.

considered. Include copy of this form with next communication to applicant.
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**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of 2

Complete If Known

Application Number	10/779,295
Filing Date	February 13, 2004
First Named Inventor	Joshua T. Goodman
Art Unit	2134-2155
Examiner Name	

Attorney Docket Number MS306896.01/M3FTPS60US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (If known)			
PBT		US- 2002/0184315	12-02-2002	Earcost	—
		US- 10/208,150	07-29-2002	Andakor	—
		US- 09/893,941	06-28-2001	Horvitz	—
		US- 10/278,591	10-23-2002	Heckerman	—
		US- 10/180,363	06-26-2002	Goodman	—
		US- 09/497,992	02-04-2000	Maller	—
PBT		US- 10/291,260	11-08-2002	Burrows	—
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (If known)				
PBT		EP1376427 A2	01-02-2004	Microsoft Corporation	—	
PBT		EP1376427 A3	01-02-2004	Microsoft Corporation	—	

Examiner Signature

Philip Tran

Date Considered

5/21/2007

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Substitute for form 1449B/PTO				Complete If Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/779,295
				<i>Filing Date</i>	February 13, 2004
				<i>First Named Inventor</i>	Joshua T. Goodman
				<i>Art Unit</i>	2134 2155
				<i>Examiner Name</i>	P. TRAN
(Use as many sheets as necessary)				<i>Attorney Docket Number</i>	
Sheet	2	of	2	MS306896.01/MSFTP560US	

NON-PATENT LITERATURE DOCUMENTS

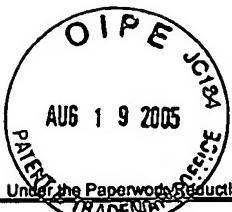
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PBT		BREIMAN, FRIEDMAN, OLSHEN, and STONE. "Classification and Regression Trees." Wadsworth & Brooks, Monterey, CA (1984).	
		QUINLAN. "C4.5: Programs for Machine Learning." Morgan Kaufmann, San Francisco, CA (1993).	
PBT		HAYES, BRIAN. "Spam, Spam, Spam, Lovely Spam." American Scientist Online, June 30, 2003. Pgs. 1-6. vol. 91.	
		European Search Report, dated June 9, 2005, mailed August 22, 2005 for European Patent Application Serial No. EP04011978, 12 pages.	

Examiner Signature	Philip Tran	Date Considered	5/21/2007
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**SUPPLEMENTAL
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STATEMENT BY APPLICANT**

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Complete If Known

Application Number	10/779,295
Filing Date	February 13, 2004
First Named Inventor	Joshua T. Goodman, et al.
Art Unit	2134-2155
Examiner Name	Unknown P. TRAN
Attorney Docket Number	MS306896.01/MSFTP560US

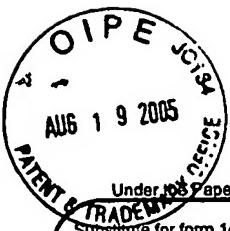
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FOREIGN PATENT DOCUMENTS

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**SUPPLEMENTAL
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Sheet

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Application Number

Filing Date

Fig. 1N. - *Callirhytis*

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Examiner Name _____

Attorney Docket Number: 100-00000

Sheet 2 of 2 Attorney Docket Number MS306896.01/MSFTP560US

NON-PATENT LITERATURE DOCUMENTS

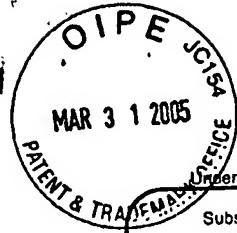
Examiner Signature	Philip Tran	Date Considered	5/21/2007
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**SUPPLEMENTAL
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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Substitute for form 1449/PTO		Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/779,295
		Filing Date	February 13, 2004
		First Named Inventor	Joshua T. Goodman, et al.
		Art Unit	2134-2155
		Examiner Name	Unknown P. TRAN
		Attorney Docket Number	MS306896.01/MSFTP560US
Sheet	1	of	2

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² Number ⁴ Kind Code ⁵ (if known)			
PBT		WO 02/071286	09-12-2002	MessageLabs, Ltd.	

Examiner Signature *Philip Tran* **Date Considered** *5/21/2007*
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				<i>Complete if Known</i>
Substitute for form 1449/PTO				Application Number 10/779,295
SUPPLEMENTAL				Filing Date February 13, 2004
INFORMATION DISCLOSURE				First Named Inventor Joshua T. Goodman et al.
STATEMENT BY APPLICANT				Art Unit 2434-2155
(Use as many sheets as necessary)				Examiner Name Unknown P. TRAN
Sheet	2	of	2	Attorney Docket Number MS306896.01/MSFTP560US

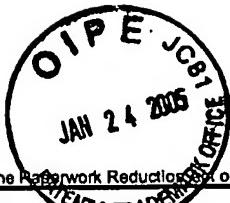
NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
PBT		YU WU, et al., A New Anti-Spam Filter Based on Data Mining and Analysis of Email Security, Conference Proceedings of the SPIE, Data Mining and Knowledge Discovery Theory, Tools and Technology V, vol. 5098, 21 April 2003, pp. 147-154, Orlando, FL, USA		T ²
		MASSEY, B., et al., Learning Spam: Simple Techniques for Freely-Available Software, Proceedings of Freenix Track 2003 Usenix Annual Technical Conference, Online!, 9 June 2003, pp. 63-76, Berkley, CA, USA		—
		GRAHAM, P., The Future of Spam, Computer Security Journal, CSI Computer Security Institute, vol. 19, no. 1, January 2003, pp. 1-5		—
PBT		GRAHAM, P., A Plan for Spam, Onlinel, August 2002, XP002273602, http://www.paulgraham.com/spam.html , retrieved on 2004-03-12		—

Examiner Signature	<i>Philip Tran</i>	Date Considered	5/21/2007
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Sheet	1	of	2
		Application Number	10/779,295
		Filing Date	February 13, 2004
		First Named Inventor	Joshua T. Goodman, et al.
		Art Unit	2134 R-155
		Examiner Name	UNKNOWN P. TRAN
		Attorney Docket Number	MS306896.01/MSFTP560US

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Philip Tran

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Sheet	2	of	2	Attorney Docket Number	MS306896.01/MSFTP560US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PBT		European Search Report, EP31087TE900, mailed 11-11-04	—
		J. BYRNE, My Spamblock, Google, January 19, 1997, 2 pages	—
↓		D. F. SKOLL, How to Make Sure a Human is Sending You Mail, Google, November 17, 1996, 2 pages	—
PBT		L. M. BOWMAN, Hotmail Spam Filters Block Outgoing E-Mail, CNET NEWS.COM, January 18, 2001, 3 pages	—

Examiner Signature	Rheo Tran	Date Considered	5/21/2007
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Sheet

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Application Number	10/779,295
Filing Date	02/13/04
First Named Inventor	Joshua T. Goodman
Art Unit	2134 2155
Examiner Name	Unknown P. TRAN

Attorney Docket Number MS306896.01/MSFTP560US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (<i>if known</i>)			
PBT		US- 6,779,021	08-17-2004	Bates et al.	
		US- 6,592,627	07-15-2003	Agrawal et al.	
		US- 6,728,690	04-27-2004	Meek et al.	
		US- 6,424,997	07-23-2002	Buskirk Jr. et al.	
		US- 6,684,201	01-27-2004	Brill	
		US- 6,633,855	10-14-2003	Auvenshine	
		US- 6,023,723	02-08-2000	McCormick et al.	
		US- 6,003,027	12-14-1999	Prager	
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		US- 5,835,087	11-10-1998	Herz et al.	
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		US- 6,308,273	10-23-2001	Goertzel et al.	
		US- 5,704,017	12-30-1997	Heckerman et al.	
		US- 5,905,859	05-18-1999	Holloway et al.	
		US- 5,805,801	09-08-1998	Holloway et al.	
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PBT		US- 2004/0139160	07-15-2004	Wallace et al.	

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		Country Code ³ *Number ⁴ *Kind Code ⁵ (<i>if known</i>)				

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Application Number	10/779,295
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First Named Inventor	Joshua T. Goodman
Art Unit	2434 - 2155
Examiner Name	Unknown: P. TRAN

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		Number-Kind Code ² (if known)			
PBT		US- 2004/0093371	05-13-2004	Burrows et al.	—
		US- 2004/0054887	03-18-2004	Paulsen et al.	
		US- 2003/0037074	02-20-2003	Dwork et al.	
		US- 2002/0059425	05-16-2002	Belfiore et al.	
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		US- 5,619,648	04-08-1997	Canale et al.	
		US- 5,377,354	12-27-1994	Scannell et al.	
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		US-			

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
PBT		EP 413 537	02-20-1991	Scannell et al.	—	
PBT		EP 720 333	07-03-1996	Canale et al.	—	
PBT		WO 96/35994	11-14-1996	Finney et al.	—	

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Application Number	10/779,295
Filing Date	2/13/2004
First Named Inventor	Joshua T. Goodman
Art Unit	2134 2155
Examiner Name	Unknown P. TRAN

Attorney Docket Number

MS306896.01/MSFTP560US

NON PATENT LITERATURE DOCUMENTS

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PBT		CYNTHIA DWORK, et al.; "Pricing Via Processing or Combatting Junk Mail"; Presented at Crypto '92; pp. 1-11.	—
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		ELLEN SPERTUS; "Smoky: Automatic Recognition of Hostile Messages"; Proceedings of the Conference on Innovative Applications in Artificial Intelligence (IAAI), 1997, 8 pages.	—
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		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages.	—
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PBT		WILLIAM W. COHEN; "Learning Rules that Classify E-Mail"; In the Proceedings of the 1996 AAAI Spring Symposium on Machine Learning in Information Access. Downloaded from William Cohen's web page: http://www.research.att.com/nwcohen/pubs.html .	—

Examiner Signature	R. Philip Tran	Date Considered	5/21/2007
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Art Unit	2434 2155
Examiner Name	Unknown P. TRAN

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PBT		MAKOTO IWAYAMA, et al., Hierarchical Bayesian Clustering for Automatic Text Classification, Natural Language, 1995, pp. 1322-1327.	—
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PBT		MEHRAN SAHAMI, et al., A Bayesian Approach to Filtering Junk E-Mail, AAAI Workshop on Learning for Text Categorization, July 1998, 8 pages, Madison, Wisconsin, USA.	—

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Art Unit	2134 2153
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PBT		DAVID MADIGAN, Statistics and The War on Spam, Rutgers University, pp. 1-13, 2003.	✓
		PADRAIG CUNNINGHAM, et al., A Case-Based Approach to Spam Filtering that Can Track Concept Drift, In The ICCBR'03 Workshop on Long-Lived CBR Systems, June 2003, 9 pages, Trondheim, Norway.	✓
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		JOHN WONG, Preventing Spams and Relays, Linux Journal, December 1998, 6 pages, Vol. 1998 Issue 56es, Specialized Systems Consultants, Inc.	✓
		MENG WENG WONG, SPF Overview, Linux Journal, April 2004, 6 pages, Vol. 2004 Issue 120, Specialized Systems Consultants, Inc.	✓
		Stop, in the Name of Spam, Communications of the ACM, November 1998, pp.11-14, Vol. 41 No. 11.	✓
		ERIC ALLMAN, Spam, Spam, Spam, Spam, Spam, the FTC, and Spam, Queue, September 2003, pp. 62-69, Vol. 1 Issue 6.	✓
✓		TOM FAWCETT, "In vivo" Spam Filtering: A Challenge Problem for KDD, SIGKDD Explorations, December 2003, pp. 140-148, Vol. 5 Issue 2.	✓
PBT		J.D.M. RENNIE, ifile: An Application of Machine Learning to E-Mail Filtering, Proceedings of the KDD-2000 Workshop on Text Mining, Sixth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, 2000. 6 pages.	✓

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PBT		S. ARGAMON, et al., Routing documents according to style, In First International Workshop on Innovative Information Systems, 1998, 8 pages.	—
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↓		OLLE BALTER, et al., Bifrost Inbox Organizer: Giving users control over the inbox, NordiCHI 10/02, 2002, pp.111-118, Arhus, Denmark.	—
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	10/779,295
				Filing Date	2/13/2004
				First Named Inventor	Joshua T. Goodman
				Art Unit	2134 2155
				Examiner Name	Unknown P. TRAN
Sheet	7	of	7	Attorney Docket Number	MS306896.01/MSFTP560US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
PBT		P.Y. SIMARD, et al., Using Character Recognition and Segmentation to Tell Computer from Humans, International Conference on Document Analysis and Recognition (ICDAR), IEEE Computer Society, 2000, pp. 418-423.			—
		S. LI et al., Secure Human-Computer Identification against Peeping: A Survey, Microsoft Research, 2003, 53 pages.			—
		D.A. TURNER et al., Controlling Spam through Lightweight Currency, In Proc. of the Hawaii International Conference on Computer Sciences, January 2004, 9 pages.			—
		DAPHNE KOLLER, et al., Toward Optimal Feature Selection, Proc. of the Thirteenth International Conference, 1996, 9 pages.			—
PBT		DAVID DOLAN LEWIS, Representation and Learning in Information Retrieval, University of Massachusetts, 1992.			—

Examiner Signature	Philip Tran	Date Considered	5/21/2007
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Application Number	10/779,295
Filing Date	02/13/04
First Named Inventor	Joshua T. Goodman
Art Unit	2134-2158
Examiner Name	Unknown P. TRAN

Attorney Docket Number MS306896.01/MSFTP560US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PBT		US- 6,779,021	08-17-2004	Bates et al.	
		US- 6,592,627	07-15-2003	Agrawal et al.	
		US- 6,728,690	04-27-2004	Meek et al.	
		US- 6,424,997	07-23-2002	Buskirk Jr. et al.	
		US- 6,684,201	01-27-2004	Brill	
		US- 6,633,855	10-14-2003	Auvenshine	
		US- 6,023,723	02-08-2000	McCormick et al.	
		US- 6,003,027	12-14-1999	Prager	
		US- 6,434,600	08-13-2002	Waite et al.	
		US- 5,835,087	11-10-1998	Herz et al.	
		US- 6,370,526	04-09-2002	Agrawal et al.	
		US- 6,327,617	12-04-2001	Fawcett	
		US- 6,308,273	10-23-2001	Goertzel et al.	
		US- 5,704,017	12-30-1997	Heckerman et al.	
		US- 5,905,859	05-18-1999	Holloway et al.	
		US- 5,805,801	09-08-1998	Holloway et al.	
		US- 2004/0139165	07-15-2004	McMillan et al.	
POT		US- 2004/0139160	07-15-2004	Wallace et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages: or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Sheet

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Application Number	10/779,295
Filing Date	02/13/04
First Named Inventor	Joshua T. Goodman
Art Unit	3434-2155
Examiner Name	Unknown P. Tran

Attorney Docket Number MS306896.01/MSFTPS60US

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PBT		US- 2004/0093371	05-13-2004	Burrows et al.	
		US- 2004/0054887	03-18-2004	Paulsen et al.	
		US- 2003/0037074	02-20-2003	Dwork et al.	
		US- 2002/0059425	05-16-2002	Belfiore et al.	
		US- 2002/0016956	02-07-2002	Fawcett	
		US- 5,638,487	06-10-1997	Chigier	
		US- 5,619,648	04-08-1997	Canale et al.	
PBT		US- 5,377,354	12-27-1994	Scannell et al.	
		US-			

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		Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)				
PBT		EP 413 537	02-20-1991	Scannell et al.		
PBT		EP 720 333	07-03-1996	Canale et al.		
PBT		WO 96/35994	11-14-1996	Finney et al.		

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PBT		CYNTHIA DWORK, et al.; "Pricing Via Processing or Combatting Junk Mail"; Presented at Crypto '92; pp. 1-11.	✓
		THORSTEN JOACHIMS; "Text Categorization with Support Vector Machines: Learning with Many Relevant Features"; LS-8 Report 23, November 1997, 18 pages.	✓
		DAPHNE KOLLER, et al.; "Hierarchically Classifying Documents Using Very Few Words"; In ICML-97: Proceedings of the Fourteenth International Conference on Machine Learning; San Francisco, CA: Morgan Kaufmann 1997; 9 pages.	✓
		ELLEN SPERTUS; "Smoky: Automatic Recognition of Hostile Messages"; Proceedings of the Conference on Innovative Applications in Artificial Intelligence (IAAI), 1997, 8 pages.	✓
		HINRICH SCHUTZE, et al.; "A Comparison of Classifiers and Document Representations for the Routing Problem"; Proceedings of the 18th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, Seattle, WA, July 9-13, 1995; pp. 229-237.	✓
		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages.	✓
		YIMING YANG, et al.; "A Comparative Study on Feature Selection in Text Categorization"; School of Computer Science, Carnegie Mellon University, Pittsburgh, PA, and Verity, Inc., Sunnyvale, CA; 9 pages.	✓
		DAVID D. LEWIS, et al.; "A Comparison of Two Learning Algorithms for Text Categorization"; Third Annual Symposium on Document Analysis and Information Retrieval; April 11-13, 1994; pp. 81-93.	✓
✓		MEHDI SAHAMI; "Learning Limited Dependence Bayesian Classifiers"; In KDD-96: Proceedings of the Second International Conference on Knowledge Discovery and Data Mining; AAAI Press, 1996; Menlo Park, CA; pp. 335-338.	✓
PBT		WILLIAM W. COHEN; "Learning Rules that Classify E-Mail"; In the Proceedings of the 1996 AAAI Spring Symposium on Machine Learning in Information Access. Downloaded from William Cohen's web page: http://www.research.att.com/nwcohen/pubs.html .	✓

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PBT		MAKOTO IWAYAMA, et al., Hierarchical Bayesian Clustering for Automatic Text Classification, Natural Language, 1995, pp. 1322-1327.	—
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		DAPHNE KOLLER, et al, Toward Optimal Feature Selection, Machine Learning Proc. of the Thirteenth International Conference, Morgan Kaufmann, 1996, 9 pages.	—
		DAVID DOLAN LEWIS, Representation and Learning in Information Retrieval, University of Massachusetts, 1992.	—
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↓		RICHARD B. SEGAL, et al., SwiftFile: An Intelligent Assistant for Organizing E-Mail, In Proceedings of the Third International Conference on Autonomous Agents, May 1999, 7 pages.	—
PBT		MEHRAN SAHAMI, et al., A Bayesian Approach to Filtering Junk E-Mail, AAAI Workshop on Learning for Text Categorization, July 1998, 8 pages, Madison, Wisconsin, USA.	—

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Sheet

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First Named Inventor	Joshua T. Goodman
Art Unit	2134 2155
Examiner Name	Unknown P. TRAN

Attorney Docket Number MS306896.01/MSFTP560US

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PBT		DAVID MADIGAN, Statistics and The War on Spam, Rutgers University, pp. 1-13, 2003.	/
		PADRAIG CUNNINGHAM, et al., A Case-Based Approach to Spam Filtering that Can Track Concept Drift, In The ICCBR'03 Workshop on Long-Lived CBR Systems, June 2003, 9 pages, Trondheim, Norway.	/
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PBT		S. ARGAMON, et al., Routing documents according to style, In First International Workshop on Innovative Information Systems, 1998, 8 pages.	—
		K. MOCK, An Experimental Framework for Email Categorization and Management, Proceedings of the 24th Annual International ACM SIGIR Conference, 2001, pp.392-393.	—
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		CORMAC O'BRIEN, et al., Spam Filters: Bayes vs. Chi-squared; Letters vs. Words, Proceedings of the 1st international symposium on Information and communication technologies, 2003, pp.291-296, Dublin, Ireland.	—
↓		OLLE BALTER, et al., Bifrost Inbox Organizer: Giving users control over the inbox, NordiCHI 10/02, 2002, pp.111-118, Arhus, Denmark.	—
PBT		LORRIE FAITH CRANOR, et al., Spam!, Communications of the ACM, 1998, pp. 74-83, Vol. 41-No. 8.	—

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				Art Unit 2154-2155
				Examiner Name UNKNOWN P. TRAN
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PBT		S. LI et al., Secure Human-Computer Identification against Peeping: A Survey, Microsoft Research, 2003, 53 pages.	<input type="checkbox"/>
PBT		D.A. TURNER et al., Controlling Spam through Lightweight Currency, In Proc. of the Hawaii International Conference on Computer Sciences, January 2004, 9 pages.	<input type="checkbox"/>
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<i>Complete if Known</i>	
Application Number	10/779,295
Filing Date	February 13, 2004
First Named Inventor	Joshua T. Goodman
Art Unit	2134-2155
Examiner Name	Unknown P. TRAN
Attorney Docket Number	MS306896.1/MSFTP560US

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Philip Tran

Date
Considered

5/21/2007

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Sheet	2	of	2	Attorney Docket Number	MS306896.1/MSFTP560US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
PBT		I. ANDROUTSOPoulos, J. KOUTSIAS, K.V. CHANDRINOS, C.D. SPYROPOULOS. An Experimental Comparison of Native Bayesian and Keyword-based Anti-spam Filtering with Personal E-mail Messages. Proceedings of the 23rd ACM SIGIR Conference, pp. 160-167, 2000.		T ²
		KEVIN R. GEE. Using Latent Semantic Indexing to Filter Spam. Proceedings of the 2003 ACM Symposium on Applied Computing, pp. 460-464, 2003.		
✓		P. PANTEL and D. LIN. SpamCop: A Spam Classification & Organization Program. In Proc. AAAI-1998 Workshop on Learning for Text Categorization, 1998. 8 pages.		✓
PBT		G. MANCO, E. MASCIARI, M. RUFFOLO, and A. TAGARELLI. Towards an Adaptive Mail Classifier. In Proc. of Italian Association for Artificial Intelligence Workshop, 2002. 12 pages.		✓

Examiner Signature	<i>Philip Tran</i>	Date Considered	5/21/2007
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